

Maureen J. Charron and Ellen B. Katz
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Amendments to the Claims:

Please cancel Claims 80-91, 95-97, 101-103, 107-109 and 113-115 without disclaimer or prejudice to applicants' right to pursue the subject matter of these claims in a future continuation or divisional application.

Please amend Claims 73-75 as set forth below.

1-72. (Previously canceled)

73. (Currently Amended) An isolated nucleic acid comprising at least 1362 nucleotides and consisting essentially of a nucleic acid encoding a polypeptide comprising consecutive amino acids having the sequence set forth in SEQ ID NO:7; ~~where the nucleic acid comprises at least 1362 nucleotides.~~

74. (Currently Amended) An isolated nucleic acid comprising at least 1362 nucleotides and consisting essentially of a nucleic acid encoding a polypeptide comprising consecutive amino acids having the sequence set forth in SEQ ID NO:10; ~~where the nucleic acid comprises at least 1362 nucleotides.~~

75. (Currently Amended) An isolated nucleic acid comprising at least 1362 nucleotides and consisting essentially of a nucleic acid encoding a polypeptide comprising consecutive amino acids having the sequence set forth in SEQ ID NO:12, ~~where the nucleic acid comprises at least 1362 nucleotides.~~

76. (Previously Added) The isolated nucleic acid of claim 73, wherein the isolated nucleic acid comprises nucleotides having the sequence set forth in SEQ ID NO:6.

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77. (Previously Added) The isolated nucleic acid of claim 73, wherein the isolated nucleic acid comprises nucleotides 11 to 1372 of SEQ ID NO:6.

78. (Previously Added) The isolated nucleic acid of claim 74, wherein the isolated nucleic acid comprises nucleotides having the sequence set forth in SEQ ID NO:9.

79. (Previously Added) The isolated nucleic acid of claim 75, wherein the isolated nucleic acid comprises nucleotides having the sequence set forth in SEQ ID NO:11.

80-91. (Canceled)

92. (Previously Added) The isolated nucleic acid of claim 73, wherein the polypeptide comprises 12 transmembrane domains.

93. (Previously Added) The isolated nucleic acid of claim 74, wherein the polypeptide comprises 12 transmembrane domains.

94. (Previously Added) The isolated nucleic acid of claim 75, wherein the polypeptide comprises 12 transmembrane domains.

95-97. (Canceled)

98. (Previously Added) The isolated nucleic acid of claim 73, wherein the polypeptide has a molecular weight of approximately 32.6 kD.

99. (Previously Added) The isolated nucleic acid of claim 74, wherein the

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polypeptide has a molecular weight of approximately 32.6 kD.

100. (Previously Added) The isolated nucleic acid of claim 75, wherein the polypeptide has a molecular weight of approximately 32.6 kD.

101-103. (Canceled)

104. (Previously Added) The isolated nucleic acid of claim 73, wherein expression of the polypeptide is increased in a mammal in response to hyperglycemia or diabetes.

105. (Previously Added) The isolated nucleic acid of claim 74, wherein expression of the polypeptide is increased in a mammal in response to hyperglycemia or diabetes.

106. (Previously Added) The isolated nucleic acid of claim 75, wherein expression of the polypeptide is increased in a mammal in response to hyperglycemia or diabetes.

107-109. (Canceled)

110. (Previously Added) A vector comprising the nucleic acid of claim 73.

111. (Previously Added) A vector comprising the nucleic acid of claim 74.

112. (Previously Added) A vector comprising the nucleic acid of claim 75.

113-115. (Canceled)